



Figure S2. Degree distribution of the nodes for the whole microbial association network (closed circles) and the degree distribution for the identically sized random network (open squares). The node degrees (i.e. number of edges) are plotted against the probability that a node would have the degree in the network. The solid line shows the truncated power law best fit for the degree distribution from the microbial association network ($r^2=0.80$) and the dash-dot line shows the Gaussian best fit to the degree distribution from the random network ($r^2=0.91$). The small dotted lines around the outside of the curves show the 95% confidence limits on the best fit curves.